

WHAT IS CLAIMED IS:

- 1 1. A method for processing database code, said method
2 comprising:
3 retrieving a SPUFI code;
4 testing the SPUFI code using an erroneous database;
5 determining whether the testing is successful; and
6 updating an actual database based on the determining,
7 the updating creating an changed database.
- 1 2. The method as described in claim 1 wherein the
2 updating further comprises:
3 sending the SPUFI code to a staging area;
4 requesting a database update to the actual erroneous
5 database;
6 receiving a response corresponding to the request; and
7 deciding whether the request is approved based on the
8 receiving.
- 1 3. The method as described in claim 2 further comprising:
2 locking the SPUFI code residing in the staging area
3 from updating.
- 1 4. The method as described in claim 1 further comprising;
2 copying the actual database;
3 storing the copied actual database as the erroneous
4 database wherein the storing is performed prior
5 to the testing.
- 1 5. The method as described in claim 1 wherein the
2 determining further comprises:
3 registering a request record change quantity, the
4 request record change quantity corresponding to a
5 number of expected changed;

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identifying an actual record change quantity, the
actual record change quantity corresponding to a
number of actual changed records; and
comparing the request record change quantity to the
actual record change quantity.

6. The method as described in claim 1 further comprising:
checking the actual changed database for correctness;
and
restoring the actual erroneous database in response to
the checking.

7. The method as described in claim 1 wherein the testing
includes debugging the SPUFI code.

8. An information handling system comprising:
one or more processors;
a memory accessible by the processors;
one or more nonvolatile storage devices accessible by
the processors;
a database tool to execute database code, the database
tool including:
means for retrieving a SPUFI code;
means for testing the SPUFI code using an
erroneous database;
means for determining whether the testing is
successful; and
means for updating an actual database based on
the determining, the updating creating an
changed database.

9. The information handling system as described in claim
8 wherein the means for updating further comprises:

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3 means for sending the SPUFI code to a staging area;
4 means for requesting a database update to the actual
5 erroneous database;
6 means for receiving a response corresponding to the
7 request; and
8 means for deciding whether the request is approved
9 based on the receiving.

1 10. The information handling system as described in claim
2 9 further comprising:
3 means for locking the SPUFI code residing in the
4 staging area from updating.

1 11. The information handling system as described in claim
2 8 further comprising;
3 means for copying the actual database;
4 means for storing the copied actual database as the
5 erroneous database wherein the storing is
6 performed prior to the testing.

1 12. The information handling system as described in claim
2 8 wherein the means for determining further comprises:
3 means for registering a request record change
4 quantity, the request record change quantity
5 corresponding to a number of expected changed;
6 means for identifying an actual record change
7 quantity, the actual record change quantity
8 corresponding to a number of actual changed
9 records; and
10 means for comparing the request record change quantity
11 to the actual record change quantity.

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1 13. The information handling system as described in claim
2 8 further comprising:
3 means for checking the actual changed database for
4 correctness; and
5 means for restoring the actual erroneous database in
6 response to the checking.

1 14. A computer program product stored in a computer
2 operable media for executing database code, said
3 computer program product comprising:
4 means for retrieving a SPUFI code;
5 means for testing the SPUFI code using an erroneous
6 database;
7 means for determining whether the testing is
8 successful; and
9 means for updating an actual database based on the
10 determining, the updating creating an changed
11 database.

1 15. The computer program product as described in claim 14
2 wherein the means for updating further comprises:
3 means for sending the SPUFI code to a staging area;
4 means for requesting a database update to the actual
5 erroneous database;
6 means for receiving a response corresponding to the
7 request; and
8 means for deciding whether the request is approved
9 based on the receiving.

1 16. The computer program product as described in claim 15
2 further comprising:

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3 means for locking the SPUFI code residing in the
4 staging area from updating.

1 17. The computer program product as described in claim 14
2 further comprising;
3 means for copying the actual database;
4 means for storing the copied actual database as the
5 erroneous database wherein the storing is
6 performed prior to the testing.

1 18. The computer program product as described in claim 14
2 wherein the means for determining further comprises:
3 means for registering a request record change
4 quantity, the request record change quantity
5 corresponding to a number of expected changed;
6 means for identifying an actual record change
7 quantity, the actual record change quantity
8 corresponding to a number of actual changed
9 records; and
10 means for comparing the request record change quantity
11 to the actual record change quantity.

1 19. The computer program product as described in claim 14
2 further comprising:
3 means for checking the actual changed database for
4 correctness; and
5 means for restoring the actual erroneous database in
6 response to the checking.

1 20. The computer program product as described in claim 14
2 wherein the means for testing includes debugging the
3 SPUFI code.

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